

GORTON URBAN DISTRICT COUNCIL.


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THE  
**Annual Report**

OF THE  
MEDICAL OFFICER OF HEALTH,  
SANITARY INSPECTOR,  
AND  
SCHOOL ATTENDANCE OFFICER,  
For the Year 1898.

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## ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1898.

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MR. CHAIRMAN AND GENTLEMEN,

I have pleasure in presenting to you my Twelfth Annual Report on the health of the district for the year 1898. The area composed in the Urban District is 1,133 acres (about one and three-quarters square miles). The census of 1891 gave a population of 15,215, which, to the middle of 1898, was estimated to have increased to 24,000. Of the 96 Urban Sanitary Districts of Lancashire, with an estimated population of 983,987, the average density is 3·65 persons per acre; and of nineteen Municipal Boroughs embraced in the County Returns with a population of 611,363, the average density is 7·41 persons per acre; whilst 21 Rural Districts (population 280,429) the average density is 'only 0·36 per acre. The average density of Gorton is 21·1 persons per acre, as compared with West Gorton, 81; Openshaw, 53; Ardwick, 74; Clayton, 9; Moston, 5; Blackley, 4.

There were registered 856 births (740 the previous year); of these 438 were males and 418 females; 22 were registered as illegitimate (16 the year before).

The excess of births over deaths numbered 357; 1897, 305; 1896, 301; 1895, 280; 1894, 309; 1893, 235; 1892, 225; 1891, 200.

The birth-rate for the year is 37·2; 1897, 32·1; 1896, 33·6; 1895, 36·6; 1894, 34·0; 1893, 34·5; 1892, 35·0; 1891, 35·0. The birth-rate for 1897 for England and Wales was 29·7 (the same for 1896); for 33 large English towns, 30·7; for the County, 28·45 (Urban 28·6, Rural 27·2); Gorton for the same year, 32·1.

The total number of deaths was 499 (the previous year 435); of these 261 were males and 238 females.

The death-rate for 1898 was 21·1; 1897, 19·0; 1896, 19·9; 1895, 21·5; 1894, 16·3; 1893, 20·3; 1892, 21·0; 1891, 22·0; the average of 14 years being 20·4. The death-rate for 1897 for England and Wales was 17·4 (Urban 18·2, Rural 15·8); Gorton for the same year, 19·9.

The average death-rate for the County during eight years was 18·5. Gorton for the same period, 20·0.

The infantile mortality equalled 243 infants dying under twelve months of age out of each 1,000 born during 1898; for 1897 it equalled 201; 1896, 198; 1895, 212; 1894, 124; 1893, 187; 1892, 167; 1891, 166; average of eight years, 187.

The infantile mortality during 1897 for the County was 169 (Urban 174, Rural 138); the average for eight years, 154. Gorton for the same period, 187.

In England and Wales the rate for 1897 was 156, and

the average of 33 large English towns, 177. Gorton for the same year, 201.

The number of deaths under five years of age for 1898 was 291.

Of the total deaths during 1898 58 per cent. were of children under five years of age; 1897, 52 per cent.; 1896, 55; 1895, 51; 1894, 42; 1893, 48; 1892, 46; 1891, 41; 1890, 43; 1889, 55; 1888, 45.

The following table gives the ages at which death occurred:—

	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888
Under one year	208	149	147	144	74	107	94	90	86	95	64
Between 1 and 5	83	80	95	61	48	56	61	52	48	68	48
„ 5 and 15	18	15	18	19	11	16	17	14	15	20	15
„ 15 and 25	27	19	17	15	16	16	11	15	16	9	11
„ 25 and 65	113	112	118	98	78	80	96	96	72	62	60
Over 65	50	60	43	61	60	61	57	75	69	41	47
Total	499	435	438	398	287	336	336	342	306	293	245

The number of deaths during the year from the notified infectious diseases was 23, *viz.*: Scarlet Fever, 2; Croup, 1; Typhoid, 18; Erysipelas, 1; Puerperal Fever, 1.

From other infectious diseases not notifiable there were 132 deaths, *viz.*: Measles, 16; Whooping Cough, 7; Diarrhœa, 109.

The diseases which are included in the seven principal zymotic diseases are Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Typhoid Fever, and Diarrhœa.

The deaths during the year number 155 (last year 106) from these diseases, 130 being under 5 years of age and 25 over.



The death-rates for several years past from these diseases are :—1898, 6·4 ; 1897, 4·6 ; 1896, 4·0 ; 1895, 3·9 ; 1894, 1·7 ; 1893, 3·4 ; 1892, 3·8 ; 1891, 2·9 ; 1890, 3·4 ; 1889, 4·7 ; 1888, 2·9. Average for 11 years, 3·7.

For the County the death-rate from these seven zymotic diseases for 1897 was 2·14 (Urban 2·2, Rural 1·6) ; England and Wales, 2·1 ; 33 large English towns, 2·8. Gorton for the same year, 4·6.

In Withington Workhouse there were 25 deaths of persons belonging to this district ; in 1897 there were 36 ; 1896, 27 ; 1895, 17 ; 1894, 12 ; 1893, 13 ; 1892, 25.

Of the 25 deaths 12 were males and 13 females : 15 were between 5 and 65, and 10 over 65.

Of the total deaths over 65 years of age in the township 20 per cent. of them died in the Workhouse.

Inquests were held on 27 cases (9 were under 5 years of age and 18 over five) during 1898 ; 1897, 20 ; 1896, 11 ; 1895, 20.

The infectious diseases which are reported to the District Council are Smallpox, Scarlet Fever, Diphtheria, Fever, Erysipelas, Puerperal Fever, and Membranous Croup.

The number of cases reported during 1898 was 193, as compared with 1897, 178 ; 1896, 154 ; 1895, 158 ; 1894, 169 ; 1893, 102 ; 1892, 70 ; 1891, 76 ; 1890, 108 ; 1889, 126 ; 1888, 88. Out of each 1,000 inhabitants the following number were reported as suffering from one or other of the above infectious diseases :—1898, 8·0 ; 1897, 7·7 ; 1896, 7·0 ; 1895, 8·5 ; 1894, 9·6 ; 1893, 6·1 ; 1892, 6·1 ; 1891, 4·8 ; 1890, 7·3.

Of the cases notified 27 were under 5 years of age and 166 over 5.

There were 90 cases reported from January to the end of June, and 103 from July to December.

The cases reported were Scarlet Fever, 85 ; Diphtheria, 8 ; Typhoid Fever, 79 ; Puerperal Fever, 2 ; Erysipelas, 19.

The Township is divided into three Wards.

**ST. JAMES'S WARD** has an area of 255 acres and an estimated population of 10,400.

The number of deaths was 185 (males 85, females 100), 122 being under 5 years of age and 63 over 5.

The death-rate for this Ward for 1898 was 16·8 ; 1897, 16·9 ; 1896, 20·2 ; 1895, 20·3 ; 1894, 15·5 ; 1893, 14·5 ; 1892, 16·4 ; 1891, 14·6 ; 1890, 21·1 ; 1889, 18·6 ; 1888, 16·6 ; 1887, 20·1 ; 1886, 23·4 ; 1885, 24·3 ; the average of 10 years being 17·5.

The number of deaths from the notified infectious diseases was 9 (Scarlet Fever 1, Typhoid 7, Puerperal Fever 1).

From other infectious diseases there were 7 deaths (Measles 4, Whooping Cough 3) and 57 deaths from Diarrhœa.

The death-rate from the seven principal zymotic diseases in St. James's Ward for 1898 was 6·9 ; 1897, 4·5 ; 1896, 4·1 ; 1895, 3·6 ; 1894, 1·5 ; 1893, 1·6 ; 1892, 3·3 ; 1891, 1·3 ; the average of 8 years being 3·3.

The number of cases of infectious diseases reported during 1898 in this Ward was 92, equal to 8·8 per 1,000 of the population ; 1897, 10·9 ; 1896, 7·4 ; 1895, 10·9 ; 1894, 10·0 ;

1893, 5·0; 1892, 4·0; 1891, 3·5; the average of 8 years being 7·3.

The cases notified were Scarlet Fever, 38; Diphtheria, 6; Typhoid, 36; Puerperal Fever, 2; Erysipelas, 10; total, 92.

**TOWN HALL WARD** has an area of 415 acres and an estimated population of 8,834.

The deaths numbered 203 (males 112, females 91), 126 being under 5 years of age and 77 over 5.

The death-rate for the Ward for 1898 was 22·9; 1897 18·3; 1896, 19·6; 1895, 20·7; 1894, 15·8; 1893, 27·4; 1892, 23·7; 1891, 26·4; 1890, 19·7; 1889, 22·6; the average of 10 years being 21·7.

The number of deaths from the notified infectious diseases was 8 (Scarlet Fever 1, Membranous Croup 1, Typhoid 5, Erysipelas 1).

From other infectious diseases there were 11 deaths (Measles 9, Whooping Cough 2), and from Diarrhœa 40 deaths.

The death-rate from the seven principal zymotic diseases for 1898 was 6·5; 1897, 5·4; 1896, 4·7; 1895, 3·8; 1894, 1·9; 1893, 6·2; 1892, 4·6; 1891, 4·6; the average of 8 years being 4·7.

The number of cases of infectious diseases reported in Town Hall Ward during 1898 was 83 (1897, 39), equal to 9·3 per 1,000 inhabitants of the Ward; 1897, 4·5; 1896, 7·5; 1895, 5·4; 1894, 10·0; 1893, 8·0; 1892, 5·5; 1891, 7·4; the average of eight years being 7·2.

The cases notified were Scarlet Fever, 36; Diphtheria, 2; Typhoid, 38; Erysipelas, 7; total, 83.



**ABBEY HEY WARD** has an area of 463 acres, and an estimated population of 4,766.

The deaths numbered 82 (males 49, females 33), 43 being under 5 years of age, and 39 over 5.

The death-rate for the Ward was 17·2 for 1898, 15·7 for 1897, and 17·5 for 1896.

The number of deaths from the notified infectious diseases was 2 (Typhoid), and from other infectious diseases 5 (Measles 3, Whooping Cough 2), and 11 from Diarrhœa.

The death rate from the seven principal zymotic diseases was 2·5 for 1898; 2·6, 1897; and 3·0 for 1896.

The number of cases of infectious diseases reported in Abbey Hey Ward was 18, equal to 3·7 per 1,000 of inhabitants; 1897, 6·6; 1896, 6.

The cases notified were: Scarlet Fever 11, Typhoid Fever 5, Erysipelas 2.

Death-rates of the Wards :—

#### ST. JAMES'S WARD.

	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889
Total Deaths....	185	169	195	213	153	146	160	138	177	142
Death Rate ....	16·8	16·9	20·2	20·3	15·5	14·5	16·4	14·6	21·1	18·6
Death-rate from seven principal zymotic diseases)	6·9	4·5	4·1	3·6	1·5	1·6	3·3	1·3		

#### TOWN HALL WARD.

	203	156	164	167	122	177	149	161	126	152
Total Deaths....	203	156	164	167	122	177	149	161	126	152
Death Rate ....	22·9	18·3	19·6	20·7	15·8	27·4	23·7	26·4	19·7	22·6
Death-rate from seven principal zymotic diseases)	6·5	5·4	4·7	3·8	1·9	6·2	4·6	4·6		

# ABBHEY HEY WARD.

Total Deaths.....	82	71
Death Rate .....	17'2	15'7
Death-rate from seven principal zymotic diseases)	2'5	2'6

**SMALL=POX.**—No cases of this disease occurred during 1898, 1897, and 1896; 3 in 1895; 10, 1894; 3, 1893; 1, 1888. Total, 17 cases in 11 years.

**MEASLES** caused 16 deaths, all under 5 years of age; 10 of them occurred during January and February.

In St. James's Ward there were 4 deaths; Town Hall Ward, 9; and 3 in Abbey Hey Ward. The death-rate from this disease for 1898 was 0'66; 1897, 1'2; 1896, 1'4; 1895, 0'32; 1894, 0'45; 1893, 0'30; 1892, 1'68; 1891, 0'06; the average of 8 years being 0'76.

The County death-rate from this disease for 1897 was 0'66 (Urban 0'70, Rural 0'44); 1896, 0'49; 1895, 0'5; 1894, 0'23.

The death-rate for England and Wales in 1897 was 0'4; 1896, 0'56; and 33 large English towns, 0'55 for 1897 and 0'71 for 1896.

The average of 5 years (1892 to 1896) for England and Wales was 0'43; for 33 large English towns, 0'60; London, 0'67; Manchester, 0'74; 67 smaller towns, 0'45; Gorton, 0'73.

**SCARLET FEVER.**—Only 2 deaths occurred during the year, one in St. James's Ward and one in Town Hall Ward.

The percentage of deaths to cases notified for 1898 was 2'3; 1897, 7'5; 1896, 9'0; 1895, 4'3; 1894, 3'3; 1893, 12'5.

For the County the percentage of deaths to cases was 4·8 for 1897 and 4·9 for 1896.

The death-rate from this disease for 1898 was 0·08 per 1,000 of inhabitants; 1897, 0·26; 1896, 0·31; 1895, 0·16; 1894, 0·17; 1893, 0·3; 1892, 0·06; 1891, 0·38; the average of 8 years being 0·21.

The average death-rate for 5 years (1892 to 1896) for England and Wales from this disease was 0·19; 33 large English towns, 0·23; London, 0·25; Manchester, 0·29; 67 smaller English towns, 0·18; Gorton, 0·20.

The number of cases notified for 1898 was 85 (20 being under 5 and 65 over 5 years of age—38 of the cases were in St. James's Ward, 36 in Town Hall Ward, and 11 in Abbey Hey Ward. 50 of the cases were reported from January to June, and 35 from July to December. Out of each 1,000 of the population of the township there suffered from this disease the following numbers:—1898, 3·5; 1897, 3·5; 1896, 3·5; 1895, 4·3; 1894, 5·1; 1893, 2·4; 1892, 1·2; 1891, 2·5; the average of 8 years being 3·2; the average of 5 years (1892 to 1896) for 12 notification towns was 4·43; Manchester, 4·05; Gorton, 3·3.

**DIPHTHERIA.**—No deaths occurred from this disease during 1898. For previous years the following are the death-rates per 1,000 persons living: 1898, 0·0; 1897, 0·08; 1896, 0·36; 1895, 0·05; 1894, 0·22; 1893, 0·18; 1892, 0·31; 1891, 0·06; the average of eight years being 0·16.

The average death-rate per 1,000 persons living for five years (1892 to 1896) for England and Wales was 0·27; 33

large English towns, 0·36; London, 0·59; Manchester, 0·25; 67 smaller towns, 0·20; Gorton, 0·22.

Eight cases of the disease were notified, being the same number as the previous year. The number of cases notified for each 1,000 inhabitants was: 1898, 0·33; 1897, 0·34; 1896, 1·6; 1895, 1·0; 1894, 1·7; 1893, 0·5; 1892, 1·0; 1891, 0·3.

**WHOOPING COUGH** caused 7 deaths, all of them under 5 years of age, the death-rate being 0·29; 1897, 0·60; 1896, 0·81; 1895, 0·16; 1894, 0·45; 1893, 0·36; 1892, 0·62; 1891, 1·09; the average of 8 years being 0·57.

The average death-rate per 1,000 persons living for 5 years (1892 to 1896) was: England and Wales, 0·38; 33 large English towns, 0·49; London, 0·52; Manchester, 0·57; 67 smaller towns, 0·39; Gorton, 0·48.

**TYPHOID FEVER** again assumed an epidemic form, 79 cases being notified during 1898, as compared with 78 cases in 1897.

The number of deaths during the year was 18, 7 occurring in St. James's Ward; Town Hall Ward, 5; Abbey Hey Ward, 2; Fever Hospital, 4.

The percentage of deaths to cases notified for 1898 was 22·7; 1897, 12·8; 1896, 12·0; 1895, 11·3; 1894, 20·0; the average of 4 years being 14·2.

For the County the case mortality equalled: 1897, 17·5; 1896, 19·1; 1895, 18·4; 1894, 17·3; the average of 4 years being 18·0.



The death-rate from this disease for 1898 per 1,000 inhabitants was 0·75; 1897, 0·43; 1896, 0·14; 1895, 0·32; 1894, 0·28; 1893, 0·30; 1892, 0·37; 1891, 0·38; the average of eight years being 0·37.

The death-rate for the County for 1897 was equal to 0·19 (Urban Districts, 0·19; Rural, 0·16); England and Wales, 0·16; 33 large English towns, 0·18; Gorton for the same year, 0·43.

The average death-rate from Typhoid Fever for 5 years (1892 to 1896) was: England and Wales, 0·17; London, 0·14; Manchester, 0·21; Gorton for the same period, 0·28.

The number of cases notified during 1898 corresponded to 3·3 per 1,000 of inhabitants, as compared with 1897, 3·3; 1896, 1·1; 1895, 2·7; 1894, 1·3; 1893, 2·1; 1892, 1·3; 1891, 1·5; 1890, 1·3; 1889, 1·4, average of 10 years being 1·93. The average of 5 years (1892 to 1896) for 12 notification towns was 1·38, Manchester 1·03, Gorton 1·7.

In St. James' Ward there were 36 cases notified; Town Hall Ward, 38; Abbey Hey Ward, 5.

**DIARRHŒA** was the cause of 109 deaths, 104 of them being under 5 years of age.

In St. James's Ward 57 deaths occurred; Town Hall Ward, 40; Abbey Hey Ward, 11; Withington Workhouse, 1.

Twenty-four deaths took place from this disease in August, 61 in September, and 21 in October. The death-rate from this disease equalled 1898, 4·5; 1897, 2·0; 1896, 0·9; 1895, 2·7; 1894, 0·05; 1893, 2·0; 1892, 0·9; 1891, 0·9; 1890, 1·5; the average of 9 years being 1·7.



The death-rate for the county from this disease for 1897 was 0·77 (Urban Districts 0·8, Rural 0·56); England and Wales, 0·86; 33 large English towns, 1·24; London, 0·92; Manchester, 1·74; 67 smaller towns, 1·05; Gorton for the same year, 2·0.

The average death-rate from this disease for 5 years 1892 to 1896) was: England and Wales, 0·64; 33 large English towns, 0·88; London, 0·67; Manchester, 1·19; 67 smaller towns, 0·81; Gorton, 1·3.

**CONSUMPTION.**—There were 29 deaths:—8 in St. James's Ward, 14 in Town Hall Ward, 3 in Abbey Hey Ward, and 4 in Withington Workhouse. The death-rate for 1898 corresponds to 1·2; 1897, 1·1; 1896, 1·3; 1895, 1·3; 1894, 1·3; 1893, 1·27; 1892, 2·18; 1891, 1·28. For the County the death-rate from this disease for 1897 was 1·1 (Urban 1·19, Rural 0·89); 1896, 1·21; 1895, 1·31; 1894, 1·28; 1893, 1·31; 1892, 1·34; 1891, 1·49.

The average death-rate for 7 years (1891 to 1897) for the County was 1·3:—Manchester, 2·08; Gorton, 1·4; West Gorton, 1·7; Openshaw, 1·16.

**CHEST DISEASES** (Bronchitis and Inflammation of the Lungs) caused 78 deaths:—27 in St. James's Ward, 34 in Town Hall Ward, 13 in Abbey Hey Ward, and 4 in Withington Workhouse. 46 of the deaths were under 5 years of age and 32 over 5. The death-rate equalled 3·2 as compared with 1897, 3·7; 1896, 4·8; 1895, 4·5. The death-rate for the County for these diseases for 1897 was 3·45 (Urban 3·57, Rural 2·76); 1896, 3·53; 1895, 3·9.

**ZYMOTIC DEATH-RATE.**—The death-rate from the seven principal zymotic diseases is very heavy for 1898, being 6·4, due to the exceptional mortality from Diarrhoea, which caused 109 deaths.

The accompanying table for 1897 shows this district in an unfavourable light as regards the principal zymotic diseases, for, with the exception of Diphtheria, the death-rate is heavier from each of these diseases in this township than in the towns compared, although with much larger populations.

1897	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhoid	Diarrhoea.
England and Wales....	0·40	0·15	0·24	0·35	0·16	0·86
33 large English towns..	0·55	0·18	0·31	0·41	0·18	1·24
London.....	0·43	0·18	0·51	0·41	0·13	0·92
Manchester .....	1·17	0·23	0·08	0·56	0·18	1·7
67 smaller towns .....	0·43	0·15	0·24	0·38	..	1·05
Gorton .....	1·2	0·26	0·08	0·60	0·43	2·0
West Gorton.....	..	0·22	..	..	0·31	1·9
Openshaw .....	..	0·23	..	..	0·27	1·6

Death-rates of the seven principal Zymotic Diseases for 5 years.

Small Pox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Typhoid Fever, and Diarrhœa..	1897.	1896.	1895	1894.	1893.
Administrative County of Lancaster.	2·14	1·94	2·4	1·49	2·85
Average of 96 Urban Sanitary Dis- tricts of Lancaster.....	2·22	2·09	2·6	1·57	3·02
Average of 21 Rural Sanitary Dis- tricts of Lancaster.....	1·62	1·14	1·3	1·04	2·02
England and Wales. ....	2·15	2·18	2·1	1·76	2·47
Average of 33 Large English Towns.	2·8	2·86	2·8	2·43	3·18
Gorton .....	4·6	4·0	3·9	1·70	3·44

In previous reports the special attention of the Council was called to the pollution of the soil and the atmosphere by the privy midden system prevailing in this district, and its connection with the high death-rates from the zymotic diseases in this township; reference to the last table shows a higher rate for each year except 1894.

During 1898 the Health Committee recommended the Council to adopt the suggestions of their Medical officer that all new property have the water-carriage system of closets, with Dr. Quine's Sanitary Ash-bin. They also recommended that the old deep middens be filled up, the floors stone-flagged or cemented, and a trapped drain in the centre.

The trapped drain in the centre of the floor will thus prevent the escape of sewer-gas into the ashpits, which occurs at the present time to more than one-half of all the houses in the district, and also to a large extent remedy the soaking of the subsoil with sewage.

The tipping of nightsoil in the Recreation Ground, to which reference was made in the previous report, has ceased, and the erection of a Destructor has been decided upon to deal with the increasing amount of refuse.

**FEVER HOSPITAL.**—During the year 40 cases of infectious diseases were removed for treatment to Monsall Fever Hospital, and 1 to Withington Workhouse Hospital (Erysipelas).

The cases removed were: Typhoid, 25 (4 under 5 years of age and 21 over 5); and Scarlet Fever, 15 (2 under 5 years of age and 13 over 5).

The number of hospital patients and cost for the last few years will be seen from the following table:

			£	s.	d.		£	s.	d.	
1898, 40	Patients	cost	313	8	0,	average	7	16	8	per patient
1897, 32	"	"	284	2	8,	"	8	17	7	"
1896, 24	"	"	232	5	0,	"	9	13	6	"
1895, 39	"	"	214	1	9,	"	5	10	0	"
1894, 32	"	"	221	0	9,	"	6	18	0	"

**FEVER HOSPITAL ACCOMMODATION.**—The terms of agreement between the Council and the Manchester Corporation expire at Midsummer, and arrangements will have to be made at an early date with some Local Authority near at hand to take the Fever cases of the district necessary for isolation.



It would be well for the Council to take into consideration the advisability of providing its own Fever Hospital in view of the rapid increase of population, and the fact that the great bulk of the houses, new and old, have but two bedrooms, which make it impossible for isolation to be carried out at home, where there is a family.

The year has been marked by a distinct advance on the part of the Council to cope with the principal causes of the preventible diseases of the death-rate ; and although no very marked change will be seen for some time to come, yet the recognition and acknowledgment by the Local Authority that certain insanitary conditions are the principal causes of certain diseases, together with an expressed desire to check or modify such conditions, will not be without good effect upon the township in the future.

A. W. MARTIN,

*Medical Officer of Health.*



Table of principal causes of Death, Death Rates, Birth Rates, Zymotic Death Rates, and Infantile Mortality.

	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885
Estimated Population.	24000	23000	22000	18500	17527	16500	16000	15500	14750	14350	13840			
Small Pox. ....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .....	16	28	30	6	8	5	27	1	7	20	..	..	..	..
Scarlet Fever.....	2	6	7	3	3	5	1	6	6	9	3	..	..	..
Diphtheria. ....	..	2	8	1	4	3	5	1	4	6	8	..	..	..
Croup .....	1	..	2	3	2	2	3	2	4	2	2	..	..	..
Whooping Cough.	7	14	18	3	8	6	10	17	7	11	16	..	..	..
Typhoid Fever....	18	10	3	6	5	5	6	6	4	1	1	..	..	..
Diarrhœa .....	109	46	20	51	1	33	14	14	23	22	12	..	..	..
Rheumatic Fever.	3	2	2	..	..	..	..	..	..	1	..	..	..	..
Erysipelas. ....	1	3	..	1	..	..	..	1	..	1	..	..	..	..
Puerperal Fever..	1	1	2	..	..	3	1	1	..	..	2	..	..	..
Consumption. ....	29	27	28	27	23	21	35	20	22	17	17	..	..	..
Bronchitis and In- flammation of the Lungs .....	78	86	107	84	68	69	59	97	91	63	54	..	..	..
Heart Disease....	31	17	20	21	15	16	29	13	19	5	16	..	..	..
Injuries.....	16	9	6	13	4	7	7	3	5	4	6	..	..	..
Influenza.....	2	10	3	6	6	10	9	19	3	..	..	..	..	..
Other Diseases ...	185	174	182	173	140	151	130	141	111	123	108	..	..	..
Total Deaths. ....	499	435	438	398	287	336	336	342	306	295	245	262	269	302
Deaths under 5 yrs	291	229	242	205	122	163	155	142	134	163	112	..	..	..
Deaths over 5 yrs.	208	206	196	193	165	173	181	200	172	132	133	..	..	..
Death Rate .....	21.1	19.0	19.9	21.5	16.3	20.3	21.0	22.0	20.5	20.5	17.7	19.2	22.0	24.2
Death Rate from the 7 principal Zymotic Diseases	6.4	4.5	4.0	3.9	1.7	3.4	3.8	2.9	3.4	4.7	2.9	..	..	..
Infantile Mortality	243	201	198	212	124	187	167	166	..	..	..	..	..	..
Births. ....	856	740	739	678	596	570	561	542	..	..	..	..	..	..
Birth Rate .....	37.2	32.1	33.6	36.6	34.0	34.5	35.0	35.0	..	..	..	..	..	..

INFECTIOUS DISEASES REPORTED.

	ABBEY HEY WARD.		TOWN HALL WARD.								ST. JAMES'S WARD.					TOWNSHIP.											
	1898	1897	1898	1897	1896	1895	1894	1893	1892	1891	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888						
Smallpox .....	..	..	..	..	..	..	6	2	..	..	..	..	..	3	4	1	..	..	..	..	1						
Scarlet Fever ....	11	18	..	..	36	18	37	27	40	28	11	24	8	14	85	80	78	70	90	40	19	38	54	91	57		
Diphtheria .....	..	1	..	..	2	4	9	8	12	2	12	3	6	5	2	8	35	19	29	8	17	5	17	14	19		
Typhoid Fever ..	5	8	..	..	38	16	16	8	12	20	8	10	36	53	79	77	25	53	24	35	21	23	20	21	11		
Other Fevers ....	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..		
Erysipelas .....	2	2	..	..	7	..	..	..	2	3	4	6	10	5	10	9	11	7	3	2	7	8	12	..	..		
Puerperal Fever ..	..	..	..	..	..	1	1	..	1	3	1	1	2	1	1	1	1	2	2	4	2	2	..	..	..		
Membranous Croup	..	1	..	..	..	..	..	..	1	1	2	0	..	1	1	3	0	1	2	0	4	..	5	..	..		
Total.....	18	30	..	..	83	39	63	44	74	59	38	44	92	109	193	178	154	158	169	102	70	76	108	126	88		
Rate per 1000 of population.....																	8.0	7.7	7.0	8.5	9.6	6.1	6.1	4.8	7.3	8.7	6.3

## APPENDIX.

## STATISTICS OF PAUPERISM IN THE CHORLTON UNION.

## TOWNSHIP OF GORTON.

Ward.	Rateable Value 1898. £	Estima- ted Pop- ulation.	Half-Year ending March 25, 1898.				Half-Year ending September 29, 1898.				Average rate per 1000 of population for 12 mths end. Sep. 29, 1899
			In the Workhouse.	Out-Relief.	Total.	Rate per 1000 of population per an.	In the Workhouse.	Out-Relief.	Total.	Rate per 1000 of population per an.	
Ardwick . . . .	140316	37000	475	638	1113	30	480	637	1117	30	30
Openshaw . . .	100822	30000	260	564	824	27	248	478	726	24	27
West Gorton	76737	28000	314	799	1113	40	298	650	948	34	37
Rusholme . . .	84242	16000	71	87	158	10	71	95	166	10	10
Chorlton-on-											
Medlock . . .	269716	61000	1408	1175	2583	42	1499	1128	2627	43	43
Hulme . . . .	247586	71000	1522	2176	3698	52	1490	2095	3585	50	51
Burnage . . . .	7930	3000	9	14	23	8	11	13	24	8	8
Chorton-cum											
Hardy . . . .	47050	9000	13	16	29	3	14	14	28	3	3
Didsbury . . .	62307	10000	27	30	57	6	31	43	74	8	7
Gorton . . . .	59502	23000	193	632	825	36	196	527	723	31	34
Levenshulme	36916	9000	31	50	81	9	22	44	66	8	9
Moss Side . .	115411	28000	72	55	127	4	59	61	120	4	4
Withington.	93389	18000	98	66	164	9	117	69	186	10	10
£ 1341924		343000	4493	6302	10795	..	4536	5854	10390	..	..
Lunatics in											
Asylum . . .	..	..	..	..	806	..	..	..	812	..	..
Children in											
Licensed											
Schools . . .	..	..	..	..	299	..	..	..	299	..	..
Non-resident											
Paupers . . .	..	..	..	..	109	..	..	..	114	..	..
Total . . . .	..	..	..	..	12009	34'0	..	..	11615	34'0	34'0
Tramps . . . .	..	..	..	..	10575	..	..	..	10613	..	..

The total cost of the administration of the Poor Law in the Chorlton Union for the twelve months ending the 29th September, 1898, was £95,864 11s. 7d.; of this, £18,330 17s. 3d.

was repaid by Government towards the cost of Lunatics and establishment charges, and £3,980 10s. 2d. by relatives of paupers and for paupers chargeable to other Unions; other receipts, £2,759 11s. 8d. The remainder is equivalent to 1s. 0 $\frac{3}{4}$ d. in the pound on an assessment of £1,341,924 for the Union, which is about equal to 3d. a week each family on houses paying rental of 6s. per week. These figures are obtained through the kindness of Mr. Wild, Assistant Clerk to the Chorlton Union.

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Urban District Council Offices,

Town Hall, Gorton, *March, 1899.*

TO THE CHAIRMAN AND GENTLEMEN OF THE  
HEALTH COMMITTEE OF THE URBAN  
DISTRICT COUNCIL OF GORTON.

GENTLEMEN,

I have the pleasure of presenting to you my Twelfth Annual Report for the year 1898, showing the cost of the Department and the work that has been done during the year.

The cost of the Department amounts to £1,494 11s. 2d., which has been expended as follows:—

	1898.				1897.				1896.		
	£	s.	d.		£	s.	d.		£	s.	d.
Wages .....	827	11	10	....	762	15	3	....	695	4	9
Horse Keep and Purchase of two Horses }	210	0	0	....	154	17	10	....	148	1	0
Hired Horse.....	15	12	0	....	12	16	6	....	56	1	0
Wheelwright, Shoeing, and Ironmongery, etc. }	21	1	0	....	96	3	5	....	56	4	0
Disinfectants .....	49	1	5	....	54	16	3	....	50	13	10
Hospital Charges.....	313	8	0	....	284	2	6	....	232	5	0
Doctors' Fees for Reporting Infectious Diseases }	22	12	6	....	23	16	6	....	19	10	0
Saddlery .....	14	0	1	....	6	13	11	....	16	10	5
Oil, etc. ....	13	0	4	....	13	2	4	....	19	17	8
Lamps repaired, etc....	8	4	0	....	0	0	0	....	0	0	0
	<hr/>				<hr/>				<hr/>		
	£1494	11	2		£1409	4	6		£1294	7	8

The increase in the cost of the Department over last year is in Wages and Hospital Charges, and the purchase of two



horses, but there is a decrease in the Wheelwright, etc., accounts, which makes the increase very small.

During the year 13,566 Ashpits have been emptied, and 5,492 loads of Nightsoil have been removed.

Below I give the cost of emptying each Ashpit during the last five years:—

1898	1897	1896	1895	1894
s. d.	s. d.	s. d.	s. d.	s. d.
1 3½	1 3	1 3¼	1 6	1 6

During the year 397 new houses have been certified; 1897, 311; 1896, 309; 1895, 226; 1894, 229; and 1893, 192.

During the year 193 cases of infectious diseases were reported by the Medical Practitioners in the district, against 178 in 1897, and 154 in 1896.

Out of the 193 cases of infectious diseases 40 patients were removed to Monsall Hospital, and one patient was removed to Withington Hospital.

All the houses in which the infectious cases occurred were thoroughly disinfected.

The average cost of each patient that was removed to Monsall Hospital was £7 16s. 8d., as against £8 17s. 7d. for each patient in 1897.

The following is a list of infectious cases during the last five years:—

	1898	1897	1896	1895	1894
Diphtheria .....	8 ..	8 ..	35 ..	19 ..	29
Small-Pox .....	0 ..	0 ..	0 ..	3 ..	10
Scarlet Fever.....	85 ..	80 ..	78 ..	70 ..	90
Typhoid Fever.....	79 ..	77 ..	25 ..	53 ..	24

Membranous Croup....	0	..	2	..	1	..	4	..	1
Puerperal Fever .....	2	..	2	..	3	..	0	..	2
Diarrhœa .....	0	..	0	..	0	..	0	..	10
Erysipelas .....	19	..	7	..	12	..	9	..	13
Continued Fever .....	0	..	2	..	0	..	0	..	0
	<hr/>		<hr/>		<hr/>		<hr/>		<hr/>
	193		178		154		158		179

The number of houses in which the infectious cases occurred were 173, as against 151, 1897; 121 in 1896; 143 in 1895; and 166 in 1894.

During the year about 13 tons of disinfectants have been distributed in the District.

There are 106 Registered Milk Shops and 12 Cowkeepers in the District. I have made 220 visits to these premises, and issued 15 notices against the tenants to have the premises lime-washed, etc., and I have registered 25 fresh premises during the year.

There are 3 Registered Slaughter-houses in the District. I have kept these premises under inspection, along with the pigstyes which are in the District.

Eight summonses were taken out against property-owners and tenants for not complying with the Council's notices for Sanitary Defects. Orders were obtained from the Magistrates to compel them to comply with the notices.

During the year 1,310 houses have been inspected, and 282 notices have been issued against either the owners of property or the tenants for various sanitary defects or nuisances found in the course of my inspections.

I have sent 135 notices to schools notifying the masters that certain infectious diseases existed at houses from which pupils were attending school.

There have been two offensive trades certified in the district, and certificates have been given to the tenants of the premises.

There are 10 Registered Bakehouses in the District All have been visited by the Medical Officer and myself.

The Mills, Factories, and Workshops in the District, numbering 31, have been visited by the Medical Officer and myself.

The following is a statement of the work that has been done in consequence of the notices issued by me :—

	1898	1897	1896	1895
House drains trapped, unstopped, or repaired	206 ..	225 ..	240 ..	205
Ashpits drained or repaired .....	156 ..	202 ..	153 ..	147
Passages and Yards repaired, etc.....	149 ..	110 ..	163 ..	131
Slopstone Pipes repaired.....	93 ..	65 ..	93 ..	105
Downspouts, etc., repaired.....	31 ..	40 ..	47 ..	58
Accumulations of Manure, etc., removed....	20 ..	18 ..	23 ..	16
Animals removed.....	8 ..	12 ..	22 ..	19
Houses and yards cleansed.....	35 ..	52 ..	36 ..	21
Smoke observations.....	7 ..	2 ..	6 ..	12
Samples taken .....	4 ..	6 ..	3 ..	13
Overcrowding abated .....	10 ..	5 ..	13 ..	3
Milk Shops Registered .....	25 ..	32 ..	18 ..	44
Milk Shops Inspected.....	220 ..	175 ..	150 ..	120
Bakehouses Registered .....	1 ..	3 ..	0 ..	0

I have again to thank the Council for the support I have invariably received whilst in the performance of my duty,

And remain, Gentlemen,

Your obedient servant,

THOS. S. PRESCOTT,

*Inspector of Nuisances.*

# ANNUAL REPORT

## OF THE

### SCHOOL ATTENDANCE OFFICER

For the Year 1898.

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MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present my Twenty-First Annual Report on the work of the School Attendance Committee for the year ended 1898.

During the year weekly returns of absentees have been obtained from the Schools at which the school-children of the Township are in attendance. From these returns the names of 7,599 children have been selected, their homes visited, the cause of absence obtained, and reported to the head teacher of the school at which the child was attending.

After repeated warning it was necessary to give notice to 99 parents, respecting 125 children, to appear before the Committee. You carefully investigated each case, and disposed of them as follows: 81 adjourned, and 18 ordered to be summoned before the Magistrates. You also ordered a boy to be sent to an Industrial School and a girl to the Royal Schools for the Deaf and Dumb, at Old Trafford.

You have had reported to you 113 cases, representing 146 children, adjourned from previous Committee meetings. Of

these you ordered 24 parents to be summoned before the Magistrates, 3 children to be sent to an Industrial School, 2 boys to Training Ship, and 4 to Truants' School ; 4 boys out on license from Truants' School to have their license revoked and taken back to serve another term, and 76 further adjourned.

Ninety-seven full-time and eleven half-time Labour certificates have been granted to children seeking employment.

The names of 35 children have been received for Special Examination for Labour Certificates. Of these 20 passed, 13 failed, and 2 were absent at examination.

Summonses have been taken out against 39 parents. The Magistrates disposed of them as follows :—

Penalties inflicted.....	24
Attendance orders.....	7
Committed to Truants' Schools.....	2
Withdrawn after adjournment.....	6
	—
	39

Three boys have been taken off the streets and ordered by the Magistrates to be sent to Industrial Schools, under 14 section Industrial Schools Act, 1866.

Shew-cause summonses have been taken out against 13 parents for non-payment of fines. Orders to pay were made each case.



SCHOOL ATTENDANCE FOR THE YEAR ENDED DECEMBER,  
1898, COMPARED WITH DECEMBER, 1897,  
AND JULY, 1877.

Name of School	Number on Register.				Average Attendance			1877	
	1898	1897	In-crease	De-crease	1898	1897	In-crease	Num-ber.	Aver-age.
Gorton National	1796	1678	118	..	1275	1227	48	718	496
St. Francis ....	1147	1131	16	..	933	910	23	727	387
Gorton Old ....	226	223	3	..	157	164	( <sup>de-</sup> cr'se 7)	..	..
Wesleyans ....	310	331	..	21	241	233	2	..	..
Totals .....	3479	3363	237	21	2606	2534	73	1445	83

# ANNUAL STATEMENT OF SCHOOL ATTENDANCE AT THE PUBLIC ELEMENTARY SCHOOLS IN THE TOWNSHIP SINCE THE ESTABLISHMENT OF THE SCHOOL ATTENDANCE COMMITTEE.

NAME OF SCHOOL.	1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887	
	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average
Gorton National	714	496	749	529	727	523	736	531	789	566	768	522	715	531	691	534	729	550	836	560	754	524
St Francis	727	387	922	440	806	329	751	423	764	487	732	439	632	483	775	534	825	617	808	642	843	615
Gorton Old	..	..	..	..	..	..	..	..	..	..	..	..	99	79	101	77	105	80	108	82	110	85
Abbey Hey	180	108	277	156	211	124	212	135	234	145	285	175	326	217	301	212	354	224	379	235	355	230
Wesleyans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160	120
	1621	991	1948	1125	1744	976	1699	1089	1787	1198	1785	1136	1772	1310	1868	1357	2013	1471	2131	1519	2222	1574
	1888		1889		1890		1891		1892		1893		1894		1895		1896		1897		1898	
	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average	No. on Books.	Average
Gorton National	823	588	823	496	844	605	891	658	1045	738	1152	818	1409	1074	1498	1063	1568	1155	1678	1227	1796	1275
St. Francis	839	608	827	607	816	585	947	704	933	759	970	786	1122	901	1070	896	1080	896	1131	910	1147	933
Gorton Old	112	86	109	83	112	89	132	96	163	125	171	141	208	153	196	142	218	145	223	164	226	157
Abbey Hey	310	223	314	224	307	229	287	205	404	252	481	284	Closed 18th day of July, 1894.				283	213	331	233	..	..
Wesleyans	220	147	238	151	229	153	268	182	267	188	270	182	279	184	251	170	283	213	331	233	310	241
	2304	1652	2311	1561	2308	1661	2525	1845	2812	2062	3044	2211	3018	2312	3015	2271	3149	2409	3363	2534	3479	2606

## SUMMARY OF COMPULSATORY PROCEEDINGS.

Year.	Visits.	Committee Cases		Summonses.	Committee to Industrial Schools.	
		Parents	Children			
1877	..	..	..	2	..	One Attendance Officer.
8	..	..	..	66	1	
9	..	..	..	170	3	
1880	3472	..	..	165	2	
1	3383	173	264	112	..	12th Oct., 1882, Additional Officer appointed
2	3735	171	255	101	1	
3	5504	252	389	123	1	
4	9868	263	409	146	1	
5	9897	281	402	189	3	Two Attendance Officers.
6	8663	238	345	97	4	
7	9202	300	443	128	4	
8	9659	296	420	175	7	
9	8843	302	449	88	9	One Attendance Officer.
1890	9168	285	406	176	14	
1	6178	155	201	60	7	
2	5666	136	175	51	6	
3	5838	95	112	48	7	One Attendance Officer.
4	6368	104	127	53	4	
5	6281	104	129	43	5	
6	6509	81	101	29	3	
7	6562	87	98	33	6	
8	7599	99	125	39	5	
	132395	3422	4850	2094	92	

I have the honour to be,

Your obedient servant,

EDWARD FENNAH.

